

WHAT IS CLAIMED:

1. A method for treating hypertension in a patient in need thereof, said method comprising administering to said patient a first amount of an angiotensin II receptor blocker and a second amount of lercanidipine, wherein said amounts in combination are effective to reduce blood pressure in said patient by at least a predetermined increment; wherein each of said first amount and said second amount administered individually is ineffective to produce a reduction in blood pressure in said patient or said reduction in blood pressure is less than said predetermined increment
5 with the proviso that said angiotensin II receptor blocker is not candesartan.
- 10 2. The method of claim 1, which method further comprises administrating a diuretic.
- 15 3. The method of claim 1, wherein the angiotensin II receptor blocker is olmesartan medoxomil.
4. The method as defined in claim 3, wherein (i) said first amount is 10 mg and said second amount is 2.5 mg, (ii) said first amount 10 mg and said second amount is 5 mg, (iii) said first amount is 10 mg and said second amount is 10 mg, (iv) said first amount is 10 mg and said second amount is 20 mg, (v) said first amount 10 mg and said second amount is 40 mg, (vi) said first amount 10 mg and said second amount is 60 mg, (vii) said first amount 10 mg and said second amount is 80 mg, (viii) said first amount 20 mg and said second amount is 2.5 mg, (ix) said first amount 20 mg and said second amount is 5 mg, (x) said first amount 20 mg and said second amount is 10 mg, (xi) said first amount 20 mg and said second amount is 20 mg, (xii) said first amount 20 mg and said second amount is 40 mg, (xiii) said first amount 20 mg and said second amount is 60 mg, (xiv) said first amount 20 mg and said second amount is 80 mg, (xv) said first amount 40 mg and said second amount is 2.5 mg, (xvi) said first amount 40 mg and said second amount is 5 mg, (xvii) said first amount 40 mg and said second amount is 10 mg, (xviii) said first amount 40 mg and said second amount is 20 mg, (xix) said first amount
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40 mg and said second amount is 40 mg, (xx) said first amount 40 mg and said second amount is 60 mg, or (xxi) said first amount 40 mg of olmesartan and said second amount is 80 mg.

5 5. The method as defined in claim 4, wherein said first amount is from about 20 - 40 mg per day and said second amount is from about 10-20 mg/day.

10 6. The method of claim 2, wherein the diuretic is hydrochlorothiazide or chlorthalidone.

15 7. The method of claim 5, wherein the hydrochlorothiazide is administered in an amount from about 20-50 mg/day.

15 8. The method of claim 1, wherein the wherein the angiotensin II receptor blocker is irbesartan.

20 9. The method of claim 8, wherein (i) said first amount is 75 mg and said second amount is 2.5 mg, (ii) said first amount is 75 mg and said second amount is 5 mg, (iii) said first amount is 75 mg and said second amount is 10 mg, (iv) said first amount is 75 mg and said second amount is 20 mg, (v) said first amount is 75 mg and said second amount is 40 mg, (vi) said first amount is 75 mg and said second amount is 60 mg, (vii) said first amount is 75 mg and said second amount is 80 mg, (viii) said first amount is 150 mg and said second amount is 2.5 mg, (ix) said first amount is 150 mg and said second amount is 5 mg, (x) said first amount is 150 mg and said second amount is 10 mg, (xi) said first amount is 150 mg and said second amount is 20 mg, (xii) said first amount is 150 mg and said second amount is 40 mg, (xiii) said first amount is 150 mg and said second amount is 60 mg, (xiv) said first amount is 150 mg and said second amount is 80 mg, (xv) said first amount is 300 mg and said second amount is 2.5 mg, (xvi) said first amount is 300 mg and said second amount is 5 mg, (xvii) said first amount is 300 mg and said second amount is 10 mg, (xviii) said first amount is 300 mg and said second amount is 20 mg, (xix) said first amount is 300 mg and said second amount is 40 mg, (xx) said

first amount is 300 mg and said second amount is 60 mg, or (xxi) said first amount is 300 mg and said second amount is 80 mg.

10. The method of claim 1, wherein said first amount is from about 150-300 mg
5 per day and said second amount is from about 10-20 mg per day.

11. A method for treating hypertension in a nonresponder or partial responder patient in need thereof, said method comprising administering to said patient a first amount of an angiotensin II receptor blocker and a second amount of lercanidipine,
10 wherein said amounts in combination are effective to reduce blood pressure in said patient by at least a predetermined increment, wherein said patient has been previously determined to be a nonresponder or partial responder to monotherapy with lercanidipine or a nonresponder or partial responder to combination therapy involving a different combination of antihypertensive agents,

15 with the proviso that said angiotensin II receptor blocker is not candesartan.

12. The method of claim 11, which method further comprises administrating a diuretic.

20 13. The method of claim 11, wherein the angiotensin II receptor blocker is olmesartan medoxomil.

25 14. The method as defined in claim 13, wherein (i) said first amount is 10 mg and said second amount is 2.5 mg, (ii) said first amount 10 mg and said second amount is 5 mg, (iii) said first amount is 10 mg and said second amount is 10 mg, (iv) said first amount is 10 mg and said second amount is 20 mg, (v) said first amount 10 mg and said second amount is 40 mg, (vi) said first amount 10 mg and said second amount is 60 mg, (vii) said first amount 10 mg and said second amount is 80 mg, (viii) said first amount 20 mg and said second amount is 2.5 mg, (ix) said first amount 20 mg and said second amount is 5 mg, (x) said first amount 20 mg and said second amount is 10 mg,
30 (xi) said first amount 20 mg and said second amount is 20 mg, (xii) said first amount 20

mg and said second amount is 40 mg, (xiii) said first amount 20 mg and said second amount is 60 mg, (xiv) said first amount 20 mg and said second amount is 80 mg, (xv) said first amount 40 mg and said second amount is 2.5 mg, (xvi) said first amount 40 mg and said second amount is 5 mg, (xvii) said first amount 40 mg and said second amount is 10 mg, (xviii) said first amount 40 mg and said second amount is 20 mg, (xix) said first amount 40 mg and said second amount is 40 mg, (xx) said first amount 40 mg and said second amount is 60 mg, or (xxi) said first amount 40 mg of olmesartan and said second amount is 80 mg.

10 15. The method as defined in claim 14, wherein said first amount is from about 20 - 40 mg per day and said second amount is from about 10-20 mg/day.

16. The method of claim 14, wherein the patient is a nonresponder.

15 17. The method of claim 14, wherein the patient is a partial responder.

18. The method of claim 12, wherein the diuretic is hydrochlorothiazide or chlorthalidone.

20 19. The method of claim 18, wherein the hydrochlorothiazide is administered in an amount from about 20-50 mg/day.

20 20. The method of claim 11, wherein the wherein the angiotensin II receptor blocker is irbesartan.

25 21. The method of claim 20, wherein (i) said first amount is 75 mg and said second amount is 2.5 mg, (ii) said first amount is 75 mg and said second amount is 5 mg, (iii) said first amount is 75 mg and said second amount is 10 mg, (iv) said first amount is 75 mg and said second amount is 20 mg, (v) said first amount is 75 mg and said second amount is 40 mg, (vi) said first amount is 75 mg and said second amount is 60 mg, (vii) said first amount is 75 mg and said second amount is 80 mg, (viii) said first amount is

150 mg and said second amount is 2.5 mg, (ix) said first amount is 150 mg and said
second amount is 5 mg, (x) said first amount is 150 mg and said second amount is 10 mg,
(xi) said first amount is 150 mg and said second amount is 20 mg, (xii) said first amount
is 150 mg and said second amount is 40 mg, (xiii) said first amount is 150 mg and said
5 second amount is 60 mg, (xiv) said first amount is 150 mg and said second amount is 80
mg, (xv) said first amount is 300 mg and said second amount is 2.5 mg, (xvi) said first
amount is 300 mg and said second amount is 5 mg, (xvii) said first amount is 300 mg and
said second amount is 10 mg, (xviii) said first amount is 300 mg and said second amount
is 20 mg, (xix) said first amount is 300 mg and said second amount is 40 mg, (xx) said
10 first amount is 300 mg and said second amount is 60 mg, or (xxi) said first amount is 300
mg and said second amount is 80 mg.

22. The method of claim 21, wherein said first amount is from about 150-300 mg
per day and said second amount is from about 10-20 mg per day.

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23. The method of claim 21, wherein the patient is a non-responder.

24. The method of claim 21, wherein the patient is a partial responder.

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25. A method for treating hypertension in a patient in need thereof, wherein said
patient has been previously determined to be responsive to at least one of lercanidipine
monotherapy or olmesartan medoxomil monotherapy but has ceased being adequately
responsive thereto, said method comprising administering to said patient a first amount of
olmesartan medoxomil and a second amount of lercanidipine in combination, wherein
25 said first amount and said second amount are in combination effective to reduce said
patient's blood pressure by at least a predetermined increment.

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26. The method of claim 25, which method further comprises administrating a
diuretic.

27. The method of claim 26, wherein the diuretic is hydrochlorothiazide or chlorthalidone.

28. The method of claim 27, wherein the hydrochlorothiazide is administered in 5 an amount from about 20-50 mg/day.

29. The method as defined in claim 25, wherein (i) said first amount is 10 mg and said second amount is 2.5 mg, (ii) said first amount 10 mg and said second amount is 5 mg, (iii) said first amount is 10 mg and said second amount is 10 mg, (iv) 10 said first amount is 10 mg and said second amount is 20 mg, (v) said first amount 10 mg and said second amount is 40 mg, (vi) said first amount 10 mg and said second amount is 60 mg, (vii) said first amount 10 mg and said second amount is 80 mg, (viii) said first amount 20 mg and said second amount is 2.5 mg, (ix) said first amount 20 mg and said second amount is 5 mg, (x) said first amount 20 mg and said second amount is 10 mg, 15 (xi) said first amount 20 mg and said second amount is 20 mg, (xii) said first amount 20 mg and said second amount is 40 mg, (xiii) said first amount 20 mg and said second amount is 60 mg, (xiv) said first amount 20 mg and said second amount is 80 mg, (xv) said first amount 40 mg and said second amount is 2.5 mg, (xvi) said first amount 40 mg and said second amount is 5 mg, (xvii) said first amount 40 mg and said second amount is 10 mg, 20 (xviii) said first amount 40 mg and said second amount is 20 mg, (xix) said first amount 40 mg and said second amount is 40 mg, (xx) said first amount 40 mg and said second amount is 60 mg, or (xxi) said first amount 40 mg of olmesartan and said second amount is 80 mg.

25 30. The method as defined in claim 29, wherein said first amount is from about 20 - 40 mg per day and said second amount is from about 10-20 mg/day.

31. A method for treating hypertension in a patient in need thereof, wherein said patient has been previously determined to be responsive to at least one of lercanidipine 30 monotherapy or irbesartan monotherapy but has ceased being adequately responsive thereto, said method comprising administering to said patient a first amount of irbesartan

and a second amount of lercanidipine in combination, wherein said first amount and said second amount are in combination effective to reduce said patient's blood pressure by at least a predetermined increment.

5 32. The method of claim 31, wherein (i) said first amount is 75 mg and said second amount is 2.5 mg, (ii) said first amount is 75 mg and said second amount is 5 mg, (iii) said first amount is 75 mg and said second amount is 10 mg, (iv) said first amount is 75 mg and said second amount is 20 mg, (v) said first amount is 75 mg and said second amount is 40 mg, (vi) said first amount is 75 mg and said second amount is 60 mg, (vii) 10 said first amount is 75 mg and said second amount is 80 mg, (viii) said first amount is 150 mg and said second amount is 2.5 mg, (ix) said first amount is 150 mg and said second amount is 5 mg, (x) said first amount is 150 mg and said second amount is 10 mg, (xi) said first amount is 150 mg and said second amount is 20 mg, (xii) said first amount is 150 mg and said second amount is 40 mg, (xiii) said first amount is 150 mg and said 15 second amount is 60 mg, (xiv) said first amount is 150 mg and said second amount is 80 mg, (xv) said first amount is 300 mg and said second amount is 2.5 mg, (xvi) said first amount is 300 mg and said second amount is 5 mg, (xvii) said first amount is 300 mg and said second amount is 10 mg, (xviii) said first amount is 300 mg and said second amount is 20 mg, (xix) said first amount is 300 mg and said second amount is 40 mg, (xx) said 20 first amount is 300 mg and said second amount is 60 mg, or (xxi) said first amount is 300 mg and said second amount is 80 mg.

25 33. The method of claim 32, wherein said first amount is from about 150-300 mg per day and said second amount is from about 10-20 mg per day.

34. A method of treating hypertension in a patient with tachycardia in need thereof, said method comprising administering a first amount of an angiotension II receptor blocker and a second amount of lercanidipine, wherein said amounts in combination are effective to reduce or eliminate the tachycardia, and are effective to 30 reduce or eliminate hypertension in said patient by at least a predetermined increment.

35. The method of claim 34, wherein the tachycardia is a side effect in the patient with hypertension, and wherein patient was administered a first amount of lercanidipine as monotherapy for the treatment of said hypertension prior to said administration of the first amount of lercanidipine and the second amount of an angiotensin II receptor blocker.

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36. The method of claim 34, which method further comprises administering a diuretic.

37. The method of claim 36, wherein the diuretic is hydrochlorothiazide or
10 chlorthalidone.

38. The method of claim 37, wherein the hydrochlorothiazide is administered in an amount from about 20-50 mg/day.

15 39. The method of claim 34, the angiotensin II receptor blocker is olmesartan medoxomil.

40. The method as defined in claim 39, wherein (i) said first amount is 10 mg and said second amount is 2.5 mg, (ii) said first amount 10 mg and said second amount is 5 mg, (iii) said first amount is 10 mg and said second amount is 10 mg, (iv) said first amount is 10 mg and said second amount is 20 mg, (v) said first amount 10 mg and said second amount is 40 mg, (vi) said first amount 10 mg and said second amount is 60 mg, (vii) said first amount 10 mg and said second amount is 80 mg, (viii) said first amount 20 mg and said second amount is 2.5 mg, (ix) said first amount 20 mg and said second amount is 5 mg, (x) said first amount 20 mg and said second amount is 10 mg, (xi) said first amount 20 mg and said second amount is 20 mg, (xii) said first amount 20 mg and said second amount is 40 mg, (xiii) said first amount 20 mg and said second amount is 60 mg, (xiv) said first amount 20 mg and said second amount is 80 mg, (xv) said first amount 40 mg and said second amount is 2.5 mg, (xvi) said first amount 40 mg and said second amount is 5 mg, (xvii) said first amount 40 mg and said second amount is 10 mg, (xviii) said first amount 40 mg and said second amount is 20 mg, (xix) said first amount

40 mg and said second amount is 40 mg, (xx) said first amount 40 mg and said second amount is 60 mg, or (xxi) said first amount 40 mg of olmesartan and said second amount is 80 mg.

5 41. The method as defined in claim 40, wherein said first amount is from about 10-20 mg/day and said second amount is from about 20 - 40 mg per day.

42. The method of claim 34, the angiotensin II receptor blocker is irbesartan.

10 43. The method of claim 42, wherein (i) said first amount is 75 mg and said second amount is 2.5 mg, (ii) said first amount is 75 mg and said second amount is 5 mg, (iii) said first amount is 75 mg and said second amount is 10 mg, (iv) said first amount is 75 mg and said second amount is 20 mg, (v) said first amount is 75 mg and said second amount is 40 mg, (vi) said first amount is 75 mg and said second amount is 60 mg, (vii) said first amount is 75 mg and said second amount is 80 mg, (viii) said first amount is 150 mg and said second amount is 2.5 mg, (ix) said first amount is 150 mg and said second amount is 5 mg, (x) said first amount is 150 mg and said second amount is 10 mg, (xi) said first amount is 150 mg and said second amount is 20 mg, (xii) said first amount is 150 mg and said second amount is 40 mg, (xiii) said first amount is 150 mg and said second amount is 60 mg, (xiv) said first amount is 150 mg and said second amount is 80 mg, (xv) said first amount is 300 mg and said second amount is 2.5 mg, (xvi) said first amount is 300 mg and said second amount is 5 mg, (xvii) said first amount is 300 mg and said second amount is 10 mg, (xviii) said first amount is 300 mg and said second amount is 20 mg, (xix) said first amount is 300 mg and said second amount is 40 mg, (xx) said first amount is 300 mg and said second amount is 60 mg, or (xxi) said first amount is 300 mg and said second amount is 80 mg.

30 44. The method of claim 43, wherein said first amount is from about 10-20 mg per day and said second amount is from about 150-300 mg per day.

45. A pharmaceutical composition for treatment of hypertension comprising a first amount of olmesartan medoxomil and a second amount of lercanidipine said first and second amounts in combination being effective to reduce blood pressure of a patient in need of treatment to within an acceptable value.

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46. The composition as defined in claim 45, wherein said first amount is from about 10 - 40 mg per day.

10 47. The composition as defined in claim 46, wherein said first amount is from about 20 - 40 mg per day.

48. The composition as defined in claim 45, wherein said second amount is from about 2.5-80 mg per day.

15 49. The composition as defined in claim 48, wherein said second amount is from about 10-40 mg per day.

50. The composition as defined in claim 45, wherein (i) said first amount is 10 mg and said second amount is 2.5 mg, (ii) said first amount 10 mg and said second amount is 5 mg, (iii) said first amount is 10 mg and said second amount is 10 mg, (iv) said first amount is 10 mg and said second amount is 20 mg, (v) said first amount 10 mg and said second amount is 40 mg, (vi) said first amount 10 mg and said second amount is 60 mg, (vii) said first amount 10 mg and said second amount is 80 mg, (viii) said first amount 20 mg and said second amount is 2.5 mg, (ix) said first amount 20 mg and said second amount is 5 mg, (x) said first amount 20 mg and said second amount is 10 mg, (xi) said first amount 20 mg and said second amount is 20 mg, (xii) said first amount 20 mg and said second amount is 40 mg, (xiii) said first amount 20 mg and said second amount is 60 mg, (xiv) said first amount 20 mg and said second amount is 80 mg, (xv) said first amount 40 mg and said second amount is 2.5 mg, (xvi) said first amount 40 mg and said second amount is 5 mg, (xvii) said first amount 40 mg and said second amount is 10 mg, (xviii) said first amount 40 mg and said second amount is 20 mg, (xix) said first

amount 40 mg and said second amount is 40 mg, (xx) said first amount 40 mg and said second amount is 60 mg, or (xxi) said first amount 40 mg of olmesartan and said second amount is 80 mg.

5 51. A pharmaceutical composition for treatment of hypertension comprising a first amount of irbesartan and a second amount of lercanidipine said first and second amounts in combination being effective to reduce blood pressure of a patient in need of treatment to within an acceptable value.

10 52. The composition as defined in claim 51, wherein said first amount is from about 50 - 300 mg per day.

15 53. The composition as defined in claim 52, wherein said first amount is from about 150 - 300 mg per day.

54. The composition as defined in any one of claims 51, wherein said second amount is from about 2.5-80 mg per day.

20 55. The method as defined in claim 54, wherein said second amount is from about 10-40 mg per day.

25 56. The composition as defined in claim 51, wherein (i) said first amount is 75 mg and said second amount is 2.5 mg, (ii) said first amount is 75 mg and said second amount is 5 mg, (iii) said first amount is 75 mg and said second amount is 10 mg, (iv) said first amount is 75 mg and said second amount is 20 mg, (v) said first amount is 75 mg and said second amount is 40 mg, (vi) said first amount is 75 mg and said second amount is 60 mg, (vii) said first amount is 75 mg and said second amount is 80 mg, (viii) said first amount is 150 mg and said second amount is 2.5 mg, (ix) said first amount is 150 mg and said second amount is 5 mg, (x) said first amount is 150 mg and said second amount is 10 mg, (xi) said first amount is 150 mg and said second amount is 20 mg, (xii) said first amount is 150 mg and said second amount is 40 mg, (xiii) said first amount is 150

mg and said second amount is 60 mg, (xiv) said first amount is 150 mg and said second amount is 80 mg, (xv) said first amount is 300 mg and said second amount is 2.5 mg, (xvi) said first amount is 300 mg and said second amount is 5 mg, (xvii) said first amount is 300 mg and said second amount is 10 mg, (xviii) said first amount is 300 mg and said second amount is 20 mg, (xix) said first amount is 300 mg and said second amount is 40 mg, (xx) said first amount is 300 mg and said second amount is 60 mg, or (xxi) said first amount is 300 mg and said second amount is 80 mg.

5 57. The method of claim 4, wherein said second amount of 80 mg is administered
10 in a modified release formulation.

58. The method of claim 9, wherein said second amount of 80 mg is administered
in a modified release formulation.

15 59. The method of claim 14, wherein said second amount of 80 mg is
administered in a modified release formulation.

60. The method of claim 21, wherein said second amount of 80 mg is
administered in a modified release formulation.

20 61. The method of claim 29, wherein said second amount of 80 mg is
administered in a modified release formulation.

62. The method of claim 32, wherein said second amount of 80 mg is
administered in a modified release formulation.

25 63. The method of claim 40, wherein said second amount of 80 mg is
administered in a modified release formulation.

64. The method of claim 43, wherein said second amount of 80 mg is
30 administered in a modified release formulation.

65. The method of claim 50, wherein said second amount of 80 mg is administered in a modified release formulation.

66. The method of claim 56, wherein said second amount of 80 mg is
5 administered in a modified release formulation.

67. A method for treating hypertension in a patient in need thereof, said method comprising administering to said patient a first amount of an angiotensin II receptor blocker, a second amount of lercanidipine, and a third amount of a diuretic, wherein said
10 amounts in combination are effective to reduce blood pressure in said patient by at least a predetermined increment; wherein each of said first amount, said second amount, and said third amount, administered individually is ineffective to produce a reduction in blood pressure in said patient or said reduction in blood pressure is less than said predetermined increment.

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68. The method of claim 67, wherein the diuretic is hydrochlorothiazide.

69. The method of claim 68, wherein the hydrochlorothiazide is administered in
20 an amount from about 20-50 mg/day.

70. The method of claim 67, wherein the diuretic is chlorthalidone.

71. The method of claim 70, wherein the chlorthalidone is administered in an
25 amount from about 25-50 mg/day.